What is new/changed in KYTC STANDARDS!

v03.14

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- **Cell Libraries:**
    - KYTC_Roadway.cel
    - KYTC_Traffic.cel
    - KYTC_Sheet.cel
-
- **Data:**
    - Version.txt
    - KYTC_Scales.def

- **Levels (dgnlibs):**
    - RWLevel.dgnlib

- **Inroads:**
    - KYTC_Civil_V8i.xin
    - InRoads Drafting Notes.dft
    - KYTC Components.itl

- **MDLAPPS:**
    - UpdateSheetNumbers

- **Seed:**
    - KYTC_3D.dgn

- **VBA:**

    - eSheet.mvba
    - PrepXS.mvba

- General_Summary.mvba

- ## Workspace Interface:
  - KYTC_Interface.dgnlib

November 5, 2014

v03.13

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- ## Levels (dgnlibs)
  - RWLevel.dgnlib
  - SILevel.dgnlib

- ## Data:
  - Version.txt

- ## MDLAPPS:
  - UpdateSheetNumbers

- ## XML_Reports:
  - KYTC_EndAreaVolume_wComponent.xsl
  - KYTC_ComponentVolume.xsl
  - KYTC CUSTOM XML REPORT HELP 10-30-14.pdf

- ## Inroads:
  - KYTC_Civil_V8i.xin
  - KYTC_S&S_V8i.xin
  - KYTC_i_structures_S&S.dat
  - KYTC_Drainage_Report.rpl
  - KYTC Components.itl

- ## Cell Libraries:
  - KYTC_Traffic.cel

- **Seed:**
  - KYTC_3D.dgn

August 14, 2014

v03.12

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- **Configuration Files**

  - KYTCConstruction.pcf
  - KYTCGeotech.pcf
  - KYTCRoadway.pcf
  - KYTCStructures.pcf
  - KYTCTraffic.pcf

- **Data:**
  - Version.txt

- **MDLAPPS:**

  - CoordinateControl
  - DeleteModels
  - UnDropSheetCells
  - UpdateSheetNumbers

- **VBA:**

  - eSheet.mvba
  - eSheetwin7.mvba

- **Workspace Interface:**

  - KYTC_Interface.dgnlib

May 1, 2014

v03.11

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- ❑
- ❑ **Inroads:**

    - ❑ KYTC_Civil_V8i.xin
    - ❑ KYTC_S&S_V8i.xin

- ❑ **MDLAPPS:**

    - ❑ KYRaster

- ❑ **VBA:**

    - ❑ eSheetwin7.mvba

- ❑ **Workspace Interface:**

    - ❑ KYTC_Interface.dgnlib

- ❑ **Data:**

March 28, 2014

v03.10

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- ❑ **Project Configuration files:**
    KYTCGeotech.pcf
    KYTCRoadway.pcf

KYTCStructures.pcf
KYTCTraffic.pcf

- **Help Files**
  Creating the KYTC folder for XML Reports.pdf
  KYTC CUSTOM XML REPORT HELP 3-14-14.pdf

- **Cell Libraries:**
  KYTC_Drainage.cel
  KYTC_Roadway.cel
  KYTC_Sheet.cel
  KYTC_TrafficSign.cel
  S&S_Drainage.cel

- **Data:**
  KYTC_Roadway.stg
  Version.txt
  KYTC_CoordinateControlPoints.xlsx
  KYTC_RWMonuments.xlsx

- **Plotting:**
  KYTC_PDF.pltcfg

- **Levels: (dgnlib)**
  GISLevel.dgnlib
  KYTCPrintStyle.dgnlib
  KYTC.dgnlib
  RWLevel.dgnlib

- **Inroads:**
  InRoads Drafting Notes.dft

  Renamed Civil_V8i.xin to KYTC_Civil_V8i.xin
  Renamed S&S_V8i.xin to KYTC_S&S_V8i.xin

- **MDLAPPS:**
  UpdateSheetNumbers App

- **Seed:**
  kytc_2d.dgn
  kytc_3d.dgn
  kytc_structures_2d.dgn
  kytc_structures_3d.dgn

- **Symb:**
  kytc_line.rsc

- **VBA:**
  eSheet.mvba
  eSheetwin7.mvba

- **Workspace Interfaces:**
  KYTC_Interface.dgnlib

- **XML_Reports:**
  KYTC_CC_Alignments.xsl
  KYTC_CC_Control.xsl
  KYTC_CC_RWMonuments.xsl
  KYTC_ComponentVolume.xsl
  KYTC_DDA Point Discharge.xsl
  KYTC_DDA Point Discharge.xsl
  KYTC_EndAreaVolume.xsl
  KYTC_EndAreaVolume_wComponent.xsl
  KYTC_Geotech Coord Data.xsl
  KYTC_HorizontalAlignmentCurveSetReview.xsl
  KYTC_SUE Summary.xsl

May 16, 2013

v03.09

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- ❑ **Cell Libraries:**

    - ❑ KYTC_Sheet.cel
    - ❑ KYTC_Traffic.cel

- ❑ **Plotting:**

    - ❑ KYTC_PDF.pltcfg

- ❑ **Levels: (dgnlib)**

    - ❑ KYTCPrintStyle.dgnlib
    - ❑ KYTC.dgnlib
    - ❑ GISLevel.dgnlib

- ❑ **Inroads:**

    - ❑ InRoads Drafting Notes.dft
    - ❑ KYTC Components.itl
    - ❑ Civil_V8i.xin
    - ❑ S&S_V8i.xin

- ❑ **Other:**

    - ❑ Version.txt
    - ❑ KYTC_Interface.dgnlib

September 18, 2012

v03.08

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- ## Cell Libraries:

  - KYTC_Roadway.cel

- ## Other:

  - Version.txt
  - KyRaster.commands.xml
  - KyRaster.dll
  - KYTC_Interface.dgnlib
  - Working with CAD Data Toolbox.tbx
  - KYTCConstruction.pcf
  - KYTCGeotech.pcf
  - KYTCRoadway.pcf
  - KYTCStructures.pcf
  - KYTCTraffic.pcf
  - General_Summary.mvba

Note:
 If you're installing this workspace on a network drive you will need to put the folder KyRaster on your local hard drive. This folder is located at C:\KYTC_CADD_Standards\KYTC_Resource\mdlapps. This folder should contain KyRaster.commands.xml and KyRaster.dll. You will need to create a folder on your local hard drive for these files. You will also have to change the variable MS_ADDINPATH in your *.pcf to show the new location of the files.

September 7, 2012

v03.07

New & Changed

The following files have been update or added in this release of KYTC Standards.

Levels: (dgnlib)

- KYTCPrintStyle.dgnlib

Cell Libraries:

- KYTC_Sheet.cel

Other:

- Index.txt
- KYTC_GeoCoordFavorites.xml
- KYTC_Seed.upf
- LidarTiles.xwms
- Scales.def
- Units.def
- Units.stg
- Version.txt
- KyRaster.commands.xml
- KyRaster.dll
- KyLiDAR.commands.xml
- KyLiDAR.dll
- LidarTiles.xwms
- ConvertDGN2ArcGIS.mvba
- KYTC_Interface.dgnlib
- Working with CAD Data Toolbox.tbx
- KYTCConstruction.pcf
- KYTCGeotech.pcf
- KYTCRoadway.pcf
- KYTCStructures.pcf
- KYTCTraffic.pcf
- Version.mvba

Inroads:

- InRoads Drafting Notes.dft
- KYTC Components.itl

October 19, 2011

v03.06

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- ❑ **Cell Libraries:**

  - ❑ KYTC_Sheet: Changed Pipe Drainage Summary (SPDS)
  - ❑ KYTC_Sheet: Fixed Enter Data Field for ESheet name on (SSTRTIT, SSTRU, SGEO)
  - ❑ KYTC_Roadway: Add cell for Rights of Way to the local governing body (NRWLPA)
  - ❑ KYTC_Traffic: Cells changed or added (NOTE_CL_PR, NOTE_GEN_CL, NOTE_GEN_HM, LEG_SIGNAL, LEG_SIG_ALL, LEG_HM_2, LEG_HM_3, NOTE_HM_1, and NOTE_FINAL)
- ❑ **Other**
  - ❑ Added new variables to:
    - ▪ KYTCRoadway.pcf
    - ▪ KYTCStructures.pcf
    - ▪ KYTCTraffic.pcf
  - ❑ Add "Local Roads and HIS Extracts" to the KYTC-Web Bar.
  - ❑ Fixed the KYTC Version macro.
  - ❑ Fixed line weights in KYTC_PDF.pltcfg
  - ❑ Updated KYTC_Interface.dgnlib

March 17, 2011

v03.05

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- ❑ **Levels: (dgnlib)**

- RWLevel.dgnlib has been updated with some new levels
  - (R_MT_SXHAT1_PR) Proposed Secondary Crosshatching Phase 1 #2031
  - (R_MT_SXHAT2_PR) Proposed Secondary Crosshatching Phase 2 #2032
  - (R_MT_SXHAT3_PR) Proposed Secondary Crosshatching Phase 3 #2033
  - (R_MT_SXHAT4_PR) Proposed Secondary Crosshatching Phase 4 #2034
- Added COLevel.dgnlib for Construction As-Built

Cell Libraries:

- KYTC_Sheet: Changed the Title Block in the cells listed: SL, SPL, SPPF, SPPFL, SSPF, STPL, SXSF, SXSPF
- KYTC_Sheet: Added new sheet cell (SSTRTIT), it is to be used as the first Structures sheet in the set.
- KYTC_Structures: Removed the cell named "Cover"

Other

- Fixed tool in the Roadway Workflow pallet below:
  - <u>Scale 1"=1'</u>
- Add new tools to the Traffic Workflow pallet.
- Created a Workflow for Construction As-Built.
- Fixed miner bug in the eSheet macro and the Windows 7 version of eSheet macro
- Added the Excel files that contain Level information.
  - Environmental Levels_Presentation.xls
  - Geotech Levels_Presentation.xls
  - Roadway Levels_Presentation.xls
  - Sheet Levels_Presentation.xls
  - Structures Levels_Presentation.xls
  - Traffic Levels_Presentation.xls
- KYTC_PDF.pltcfg: Set Raster Quality Factor to 100%
- Added training video on creating a Layout Sheet.

February 1, 2011

v03.04

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

❑ **Cell Libraries:**

  ❑ KYTC_Sheet: Changed the text string "Scale" from Text Nodes to Enter-Data Fields in the cells listed: SXS, SXSF, SXSP, SXSPF

  ❑ KYTC_Sheet: Fixed Construction Revision Sheet (SCRI) so that the explanation of revision no. reads write.

  ❑ KYTC_Traffic: Added: LEG_SSP, LEG_SFSCHEDULE, CABINET_POLE, HM_MRKR_2, JBOX_A_OTHERS, JBOX_B_OTHERS, JBOX_C_OTHERS, JCT_BOX_A, JCT_BOX_B, JCT_BOX_C, CABINET_LIGHTING, CABINET_LIGHTING_P, NOTE_ASSEMBLY_SCHOOL, NOTE_ASSEMBLY_POLE, BLKOUT_EX, CABINET_EX, CABINET_LIGHTING_EX, CABINET_POLE_EX, JCT_BOX_A_EX, JCT_BOX_B_EX, JCT_BOX_C_EX, PED_BUT_EX, LOOP_1_EX, LOOP_5_EX, PEDESTAL_EX, PEDHED_NA_EX, SIG_HEAD_NA_EX, LEG_HM_INFO, LEG_HM_SCH.

  ❑ KYTC_Traffic: Existing Cells that changed: PEDESTAL, POLE, POLE_EX, NOTE_GEN_HM, NOTE_HM1, NOTE_SSPSCH, LEG_SIG_ALL, LEG_SIGNAL, NOTE_HM_480, LEG_WIRE_SCH, NOTE_HM_COND, NOTE_HM_CIRCUITS, NOTE_INST_POLE, NOTE_MSNGR, LOOP_3, LOOP_4, LOOP_5, 1_HM_A, 3_HM_P, 3_HM_S, 4_HM_P, 4_HM_S, 5_HM_P, 5_HM_S, 6_HM_P, 6_HM_S, BLKOUT, BREAK, CABINET, HM_MRKR, LEG_SIG_3
  ❑ KYTC_Traffic: Deleted Cells: JBOX_OTHERS, JCT_BOX, NOTE_ANT, NOTE_STAT, NOTE_SSP, NOTE_HM_INFO, NOTE_HM_SCH

❑ **Inroads:**

  ❑ Add a template with a depressed median example

❑ **Other**

  ❑ Updated PrepXS.mvba so that it will fill in the sheet scale.

- Included the Windows 7 version of eSheet macro and PrepXS macro
- Created buttons for the users running Windows 7 version for KYTC Software apps in KYTC_Interface.dgnlib.

October 27, 2010

v03.03

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- ## Levels: (dgnlib)

  - KYTC.dgnlib has been updated with some new levels
    - (SB_PL_RASTER_PR) Raster level #10027
    - (SB_PL_CUTLINE2_PR) Sheet Border Cut Line for 11x17 #10028

  - KYTCPrintStyle.dgnlib has been updated with a PrintStyle for 11 x 17 prints

- ## Cell Libraries:

  - KYTC_Sheet: Added a construction element for printing an 11 x 17 sheet to the cells listed: SBCS, SCMIS, SCRI, SGEO, SGPDS, SGRS, SGS, SRWS, SXSP, SXSPF, SGSPDPA, SIGNSUM3, SL, SP, SPAS, SPDS, SPF, SPFIR, SPL, SPP, SPPDS, SPPF, SPPFL, SPPUS, SPS, SPSPA, SQUAN, SRWS, SRWSM, SRWSM2, SSP, SSPF, SSTRU, STHA, STPL, SXS, SXSF, SXSP, SXSPF

- ## Inroads:

  - Adjusted Stationing offset to annotate eight units from the centerline to avoid text collisions with roadway features.

- ## Bentley Map

  - Replace the default.xslt file that is delivered with InRoads and used by Bentley Map. This will allow users to "hyperlink" to the KYTC photolog

points when using GIS data extracted from the KYTC ProjectWise ArcGIS Connector.

- ❑ **Other**

  - ❑ Added a tool in the KYTC Software Workflow toolbox to help when attaching raster's. This tool will set the level then open the Attach Raster Reference file dialog.

  - ❑ Fixed the tools below:

    - o <u>PR Subgrade</u> under MISC Cross Sections under KYTC Roadway Workflow.
    - o <u>Overhead Utility Annotation</u> under EX Profile Features under KYTC Roadway Workflow.

    - o <u>TV Cables (Underground)</u> under EX Utility Features under KYTC Roadway Workflow.

    - o <u>Misc. Underground Pipeline</u> under EX Utility Features under KYTC Roadway Workflow.

    - o <u>Misc. Utility Annotation</u> under EX Utility Features under KYTC Roadway Workflow.

    - o <u>Project Des. & Name Upper Center</u> under Layout Sheet under KYTC Roadway Workflow.

  - ❑ Added two new variables (**MS_AUTO_UPDATE_FIELDS** and **MS_PRINTORGANIZER_OPEN_DGN_READWRITE**) to KYTCGeotech.pcf, KYTCRoadway.pcf, KYTCStructures.pcf and KYTCTraffic.pcf

  - ❑ Fixed Custom LineStyles (KYTC_Line.rsc) so that they will view correctly.

September 13, 2010

v03.02

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

- **Levels: (dgnlib)**

  - STLevel.dgnlib has been updated to have the proper line style for levels S_PL_Rebars_PR and S_PL_CntrLn_PR.

  - RWLevel.dgnlib has been updated to remove level 203 (R_PL_DITT_PR) Proposed Ditches (Temporary) and add level 2610 (R_EC_DITT_PR) Proposed Erosion Control (Temp. Silt Ditch)

- **Cell Libraries:**

  - KYTC_Sheet: SRWS, SXSP, SXSPF, Removed miscellaneous plan sheet cells

  - KYTC_MiscPlanSheetItems: Moved miscellaneous plan sheet cells from KYTC_Sheet.cel, Added SPO, SPOB, SPPLO, SPPO

- **Inroads:**

  - Adjusted all cross section preferences for use with new sheet cells.

  - Added "PR Template" preference to allow surface symbologies to be set when creating the surface in Roadway Designer.

- **Other**

  - Changed the line weight in the KYTC_Full.pen, KYTC_Half.pen, KYTC_Full.tbl, KYTC_Half.tbl and KYTC_PDF.pltcfg also updated the policy to reflect this change.

  - Update ESheet macro.

  - Add a KYTC-Web button. It is located on the Menu Bar.

Feb. 24, 2005

v02.03

New & Changed

The following outline identifies new features and enhancements in this release of KYTC Standards.

❑ **Cell Libraries:**

  ❑ KYTC_Sheet: SCOE, SGS, SL, SPL, SRWA1, SRWA2

  ❑ KYTC_Roadway: NCCS5, NCCS6, NCCS7, NCCS8, NCCS9, NNHS1, NNHS2, ESSMH, EDBI, ECBI. Parcel Owner cells were renamed to ERWPN1, ERWPN2, EMINPN1 and EMINPN2 and moved to the correct levels.

  ❑ KYTC_Drainage: EC_ST_CBI_FULL, EC_ST_CBI_HALF, EC_ST_C_DBI, EC_LEGEND, EC_NOTES, EC_DDA_CHART, EC_TRAP_INFO and EC_ST_C_HDWL

  ❑ KYTC_Geotech: Hole C, Hole D and Talus also changed the level these cell were on: 7575, 150150, 300300, 600600, ARS, BLOG, CORE, DATA, DISCL, ELEV, IS, IS2, MAPDATA, NOSTAB, PREN, RDZ, RQDREC, SAND, SC, SHALE1, SHALE2, SINK, STDATA

  ❑ KYTC_Traffic: Sig_head270, Sig_head90, Sig_head NA, Sig_head 180, SigHead 0, Pedhed_na , pedhed 270, pedhed 180, pedhed 90, pedhed, Loop_5cut 270, Loop_5cut 189, Loop_5cut 90, Loop_5_cut

❑ **Levels: (dgnlib)**

  ❑ STLevel.dgnlib has been updated to have the proper line style for levels S_PL_Rebars_PR and S_PL_CntrLn_PR.

  ❑ Level filters recreated in RWLevel.dgnlib file.

  ❑ RWLevel.dgnlib has been updated to remove level 203 (R_PL_DITT_PR) Proposed Ditches (Temporary) and add level 2610 (R_EC_DITT_PR) Proposed Erosion Control (Temp. Silt Ditch)

❑ **Setting Manger:**

  ❑ Working Units were taken out because they are no longer need.

- Updated the PR Const. Items (Plan), Storm Sewer component.

- Updated the PR Const. Items (Plan), various Erosion Control components.

- Updated the EX Planimetric (Plan) to include Existing Landscaping (Excludes Vegetation and Trees) Existing Rip Rap, Existing Centerline, and Existing Centerline Annotation.

Other:

- Changed KYTC_Line.rsc file so that text will orient itself properly regardless of how it was drawn.

- Updated the Traffic custom pallet.

Inroads:

- Created symbology for Sub-Tangent lines in Profile and turned on the sub-tangent line in *View Vertical Alignment*.

- Created a Feature Style for Random/Mass points and linked it with the symbology for MISC InRoads points.

Appendix

- Revised the CADD Standards Policy Documentation to include "MP" as a Roadway Sheet Code for Mitigation Plans.

- Revised the CADD Standards Policy Documentation to include Level R_PL_RWPOPN_ET (828 - Existing R/W Property Owners & Parcel Numbers) Color = 7, Style =0, Weight = 1, Font = 23, Text Size =0.18 as well as changed level R_PL_MP_ET (832 - Existing Mineral Parcel Owners & Parcel Numbers) font to 80.

- Revised the CADD Standards Policy Documentation to include levels for MISC Graphics and MISC Notes in PL, PF, PD & XS, various Erosion Control components in the PR Const. Items (Plan) and revised

the line style component for the Storm Sewer in PR Const. Items (Plan).

Dec. 08, 2004

The changes that have been made to the KYTC Standards Version 2.01 CADD Standards

- **Updated Cell Libraries:**

  - KYTC_Sheet.cel: SGEO,SL and SIGNSUM3

  - KYTC_Roadway: NNHS1, NNHS2, and Changed all text of size 0.175 to 0.18 for rounding purposes in InRoads.

  - KYTC_Drainage: DB11_X, FLUME_TY1, FLUME_TY2_AH, FLUME_TY2_BK, MHA, MHB created 9 cells for Concrete Median Barrier Box Inlets, changed all Curb Box Inlet cells in X-Sec so that the aprons match a 2% gutter cross slope and renamed DBITY11 to DB11_PR

  - KYTC_Geotech: N equals and Shelby Test

- **Levels:**

  - Created R_MS_NHS_PT in the RWLevel.dgnlib file

- **Other:**

  - Changed KYTC_Line.rsc file so that text will orient itself properly regardless of how it was drawn.

  - Fixed E-Sheet Macro save views

  - Fixed the error message within the executable

- **Inroads:**

  - Updated the Civil_V2.ini file to include some Storm and Sanitary

The changes that have been made to the KYTC Standards Version 2.0 CADD Standards

- ## Updated Cell Libraries:

  - KYTC_Sheet.cel: SGSPDPA, SIGNSUM3, SL, SPF, SPL, SPP, SPPF, SPPFL, SPS, SPSPA, SQUAN, SRWA1, SRWA2, SRWSM, SSP, SSPG, SSPF, SSPFGR, SXPD. Fixed the data fields for the Auto Fill In.

  - KYTC_Roadway.cel: EINR_PNT, PINR_PNT, PRWPN1, PRWPN2, NCCS3, NCCS4, NCCS5, NRWMS1.

  - KYTC_Traffic.cel: leg_sig_all, leg_sig_3, leg_loop_sch

- ## Levels:

  - Created levels for MISC. Graphics & MISC. Notes in PL, PF, PD & XS

  - Removed the two levels from EX Utilities and put them in EX Survey.

  - Move the Property Owner levels to EX R/W grouping. And also changed the *Mineral Owners and Parcel Numbers* level to color 7.

  - Changed the text size for P_PF_DATUM_PT from 0.18 to 0.14 to accommodate four digit elevations on the girded profile sheet cells.

- ## Inroads:

  - Updated the Civil_V2.ini file to include Profile Preferences for 10, 20, 30, 40, 50 & 100 Scale plans.

  - Updated Preferences for X-Sec to include 30 & 40 Scale sheets.

  - Created preferences for Plan & Profile Generator.

  - Also set the origin of a custom cross section to a point where a regular plan sheet cell (SP) can be used for a sheet border.

- Added Feature Styles for Storm & Sanitary.

- Created Preferences for Storm & Sanitary.

- The Storm & Sanitary structures file is now included in the executable file, kytc_i_structures.dat.

- Created a .dft file for use with InRoads Drafting Tools for placing Profile and X-Sec notes with proper ByLevel symbology.

- Updated the kytc_V2.fwf file (Feature Codes) to properly display on the screen before written to graphics.

- Updated Template libraries.

Appendix

- Revised Data Fields Portion of the CADD Standards V2.0 Policy Appendix to state that the Data Field view does not have to be on in order to use Data Fields and referred users to MicroStation Help for more information concerning Data Fields.

- Added both levels to the Appendix Excel file.

Other

- Changed the Override Custom Line Styles Scale Factor to 50

- Add a KYTC Version button. It is located in the Menu Bar.

- In Setting Manger *Disturbed Limits* component moved into *PR Construction (Plan)*

- Set "units.def" file to us U.S. Survey Feet. Then put it in the data folder as well as adding the configuration variable MS_CUSTONUNITDEF to all of the *.pcf

- Updated PDF's for cell libraries: KYTC_Sheet, KYTC_Roadway, KYTC_Traffic

- Updated the Roadway custom pallet.